

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Gerhard LANGHANS et al.

Examiner: Unassigned

Serial No.: Unassigned

Group Art Unit: Unassigned

Filed: December 22, 2003

Title: PROCESS AND DEVICE FOR BIOLOGICAL TREATMENT OF A  
SUSPENSION IN A BIOREACTOR WITH INTEGRATED HYDRAULIC TOP  
SCUM TREATMENT

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to initial examination, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.